

U.S. Department of Energy
Washington, D.C.

PAGE CHANGE

DOE 5480.22 Chg 2

1-23-96

SUBJECT: TECHNICAL SAFETY REQUIREMENTS

1. PURPOSE. To transmit revised pages to DOE 5480.22, TECHNICAL SAFETY REQUIREMENTS, of 2-25-92.
2. EXPLANATION OF CHANGE. The final nuclear safety rule 10 CFR Part 830.320, "Technical Safety Requirements" (to be issued approximately March 1996), will supersede DOE 5480.22. One year extensions granted for the 2-25-95 submittal date of draft TSRs are about to lapse. The final rule will allow flexibility in the due date for draft TSRs. This Page Change will avoid unnecessary Headquarters, field, and contractor actions.
3. FILING INSTRUCTIONS.
 - a.

<u>Remove Page</u>	<u>Dated</u>	<u>Insert Page</u>	<u>Dated</u>
13	2-25-92	13	1-23-96
14	2-25-92	14	1-23-96
15 (and 16)	2-25-92	(15 and 16)	1-23-96
i (and ii)	2-25-92	i (and ii)	2-25-92
 - b. After filing the above pages, this transmittal may be discarded.

BY ORDER OF THE SECRETARY OF ENERGY:



ARCHER L. DURHAM
Assistant Secretary for
Human Resources and Administration

DISTRIBUTION:
All Departmental Elements

INITIATED BY:
Assistant Secretary for
Environment, Safety and Health

- g. All proposed revisions to Technical Safety Requirements or its Appendices shall be submitted for PSO approval. Such submittals shall include the basis for the proposed revision. Revision implementation shall occur only after PSO approval.
- h. Only the current PSO-approved Technical Safety Requirements shall be used for the operation of the facility. The current PSO- approved Technical Safety Requirements shall be a controlled document.
- i. A contractor may take emergency actions that depart from the approved Technical Safety Requirements when no actions consistent with the Technical Safety Requirements are immediately apparent, and when these actions are needed to protect the public health and safety. Such contractor actions shall be approved, as a minimum, by a certified operator or supervisor certified on that system through an accredited training program. If emergency actions are taken, verbal notifications shall be made to the Head of the Field Element within 2 hours and by written reports to the PSO within 24 hours.

10. IMPLEMENTATION.

- a. For new facilities, the contractor shall submit a draft Technical Safety Requirements document with its appendices to the PSO for approval. PSO approval of the Technical Safety Requirements document shall be obtained prior to operation.
- b. For existing facilities that do not have DOE approved Technical Specifications or Operational Safety Requirements, the contractor shall submit for approval a schedule for the development and delivery of a draft Technical Safety Requirements document and its appendices that satisfy the requirements of this Order. This schedule shall be submitted to the PSO for approval by August 25, 1992. This submittal shall include the basis for the content, schedule, and level of detail proposed, basis for interim operation or restrictions on interim operations, and administrative controls during the upgrade process. Once a submitted plan and schedule is approved by the PSO, the contractor shall comply with the plan and schedule including any modifications made by the PSO. Unless approved by the PSO earlier, the plan and schedule submitted by a contractor, as modified or directed to be modified by the PSO, shall be considered to be approved 180 days after submittal. Approved plans and schedules may be changed, but such changes must be approved in the same manner as initial plans and schedules.
- c. For existing facilities that have DOE-approved Technical Specifications or Operational Safety Requirements, a review shall be conducted by the contractor to compare these documents with the provisions of this Order and its related guidance, Attachment 1.

Vertical line denotes change.

- (1) If the existing Technical Specifications or Operational Safety Requirements comply with the provisions of this Order and guidance, except for format, the contractor shall submit a statement to the PSO stipulating to that fact by August 25, 1992. A copy of the existing documents shall accompany the statement. The PSO shall review this statement for approval. A schedule shall be submitted to the PSO for the conversion of the existing Technical Specifications or Operational Safety Requirements to Technical Safety Requirements (i.e., reprinting, changing references in procedures, etc.). Unless approved by the PSO earlier, the statement and schedule submitted by the contractor, as modified or directed to be modified by the PSO, shall be considered to be approved 180 days after submittal. Approved statements and schedules may be changed but such changes must be approved in the same manner as initial statements and schedules. The existing Technical Specifications or Operational Safety Requirements shall be converted to Technical Safety Requirements (i.e., reprinting, changing references in procedures, etc.) when revisions are made to the documents.

During the interim period until the revised Technical Safety Requirements are approved by the PSO, the existing Technical Specifications or Operational Safety Requirements or subset thereof shall be treated as DOE-approved Technical Safety Requirements for purposes of this Order.

- (2) If the existing Technical Specification or Operational Safety Requirements do not comply with the provisions of this Order and guidance (Attachment 1), the contractor shall provide a plan and schedule for making the revisions necessary to bring the document into compliance. The schedule shall be submitted to the PSO for approval by August 25, 1992. This submittal shall describe the need for upgrading the TS or OSR and shall include the basis for the content, schedule, and level of detail proposed,

basis for interim operation or restrictions on interim operations, and administrative controls during the upgrade process. Once a submitted plan and schedule is approved by the PSO, the contractor shall comply with the plan and schedule including any modifications by the PSO. Unless approved by the PSO earlier, the plan and schedule submitted by a contractor, as modified or directed to be modified by the PSO, shall be considered to be approved 180 days after submittal. Approved plans and schedules may be changed, but such changes must be approved in the same manner as the initial plans and schedules.



JAMES D. WATKINS
Admiral, U.S. Navy (Retired)

Vertical line denotes change.

Attachment 1

GUIDELINES FOR TECHNICAL SAFETY REQUIREMENTS